

# UTAH DIVISION OF OIL AND GAS CONSERVATION

REMARKS: WELL LOG \_\_\_\_\_ ELECTRIC LOGS \_\_\_\_\_ FILE X WATER SANDS \_\_\_\_\_ LOCATION INSPECTED \_\_\_\_\_ SUB. REPORT/abd. \_\_\_\_\_

*Application terminated 4-5-76*

DATE FILED 4-14-75

LAND: FEE & PATENTED \_\_\_\_\_ STATE LEASE NO. \_\_\_\_\_ PUBLIC LEASE NO. U-19037 INDIAN \_\_\_\_\_

DRILLING APPROVED: 4-15-75

SPUDDED IN: \_\_\_\_\_

COMPLETED: \_\_\_\_\_ PUT TO PRODUCING: \_\_\_\_\_

INITIAL PRODUCTION: \_\_\_\_\_

GRAVITY A.P.I. \_\_\_\_\_

GOR: \_\_\_\_\_

PRODUCING ZONES: \_\_\_\_\_

TOTAL DEPTH: \_\_\_\_\_

WELL ELEVATION: \_\_\_\_\_

DATE ABANDONED: 4-5-76 location abandoned

FIELD: Cisco Springs Ext 3/86 Deale Cisco

UNIT: \_\_\_\_\_

COUNTY: Grand

WELL NO. CISCO SPRINGS FEDERAL #17

API NO: 43-019-30238

LOCATION 813' FT. FROM XX (S) LINE. 1827' FT. FROM XX (W) LINE. SE SW  $\frac{1}{4}$  -  $\frac{1}{4}$  SEC. 3

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
<u>20 S</u>	<u>23 E</u>	<u>3</u>	<u>WILLARD PEAKE OIL &amp; GAS</u>				

USGS Reports Show Approval Pending 1-5-76 See

1-20-76 - Mr. Pease came in office and reported well has not spudded but intends to within 60 days.

4-5-76 - Application terminated

FILE NOTATIONS

Entered in NID File .....  
Location Map Pinned .....  
Card Indexed .....

Checked by Chief .....  
Approval Letter .....  
Disapproval Letter .....

COMPLETION DATA:

Date Well Completed .....  
W..... WW..... TA.....  
SW..... OS..... PA.....

Location Inspected .....  
Bond released .....  
State or Fee Land .....

LOGS FILED

Driller's Log.....  
Electric Logs (No.) .....  
A..... I..... Dual I Lat..... GR-N..... Micro.....  
MC Sonic GR..... Lat..... MI-L..... Sonic.....  
GLog..... CLog..... Others.....

April thru Nov 75

10-16-90  
for

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>U-19037</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Willard Pease Oil &amp; Gas Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 548, Grand Junction, Colorado 81501</b>		8. FARM OR LEASE NAME <b>Federal</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>SE.SW.SEC.3,T.20 S.,R.23 E.,S.L.M.</b> At proposed prod. zone <b>813' from S-line &amp; 1827' from W-line.</b>		9. WELL NO. <b>Cisco Springs #17</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* <b>About 7 miles NW. of Cisco, Utah</b>		10. FIELD AND POOL, OR WILDCAT <b>Cisco Springs</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) <b>813'</b>	16. NO. OF ACRES IN LEASE <b>480 acres</b>	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec.3-20S-23E.,S.L.M.</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>1600'</b>	19. PROPOSED DEPTH <b>2300'</b>	12. COUNTY OR PARISH <b>Grand</b> 13. STATE <b>Utah</b>
20. ROTARY OR CABLE TOOLS <b>Rotary</b>		17. NO. OF ACRES ASSIGNED TO THIS WELL <b>40 or 160</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>4882'grd.; 4891'K.B.</b>		22. APPROX. DATE WORK WILL START* <b>May 1, 1975</b>
23. PROPOSED CASING AND CEMENTING PROGRAM		

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9 3/4"	7"	20.00#	150'	70 sks

It is planned to drill a well at the above location to test the gas and/or oil possibilities of the sands in the Dakota and Morrison formations. The gas sands in the Card-Moore #1A well in the NE.NW. of Sec. 10 were in the Dakota and Salt Wash section of the Morrison at depths of 1760' and 2070'. Surface casing (7") will be set at a depth of about 150' and cemented with returns to the surface. A blowout preventor and rotating head will be installed on the top of the surface casing for well control. The well will be drilled with air and air-mist (soap & water). If production is obtained, the production casing (4 1/2") will be set thru the pay zone with a Lynes packer above the zone and then cemented above the packer to a point about 200 ft. above the top of the Dakota. It is expected to encounter the top of the Dakota formation at ~~the~~ about 1760'.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

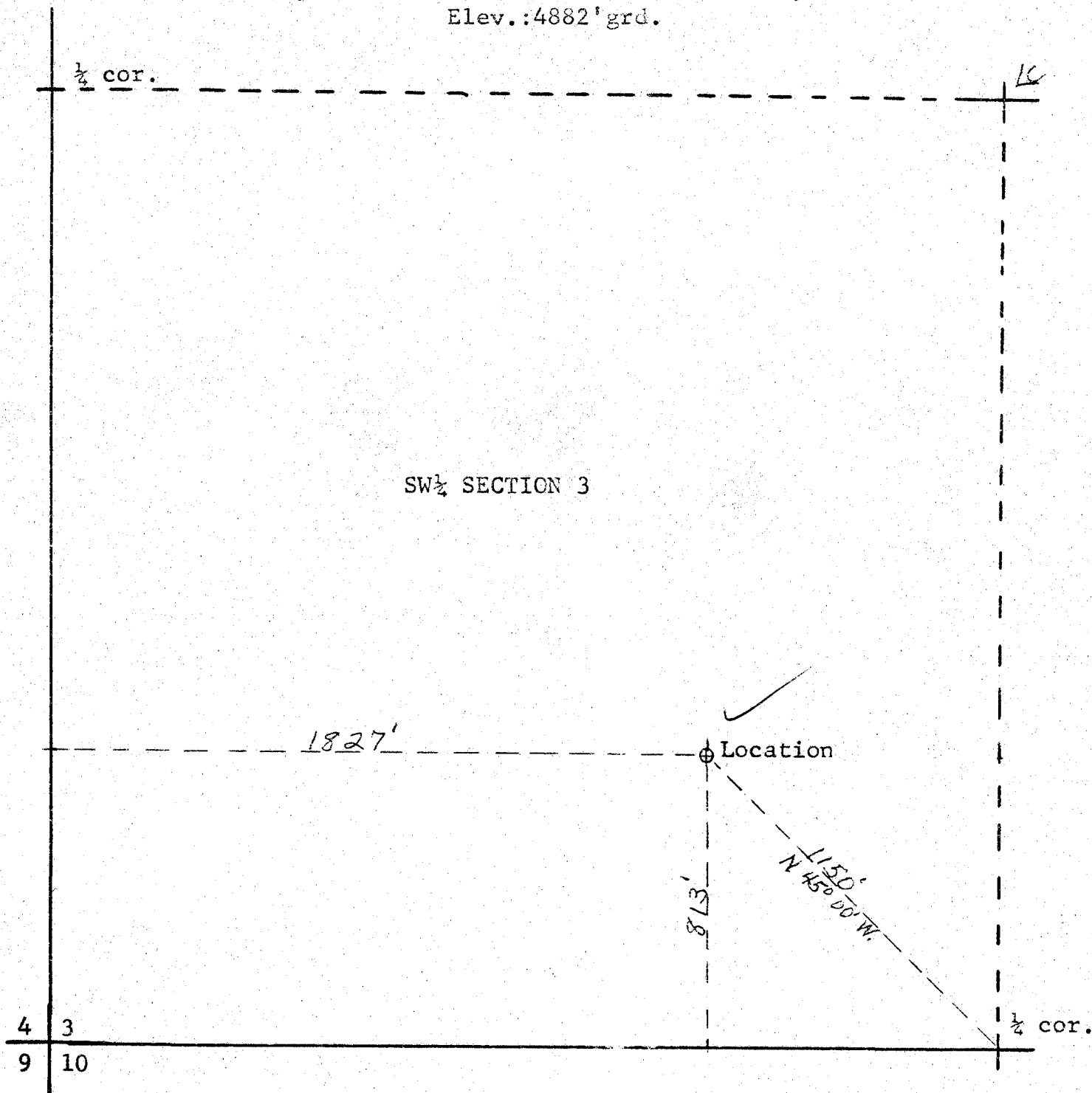
24. SIGNED *J. H. Rowley* TITLE Cons. Geol. DATE Apr. 11, 1975

(This space for Federal or State office use)

PERMIT NO. 43-0196-30238 APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

SURVEY PLAT FOR  
WILLARD PEASE OIL & GAS CO.  
CISCO SPRINGS #17 WELL  
SE.SW.SEC.3-20S-23E.  
GRAND COUNTY, UTAH  
(813' from S-line & 1827' from W-line)  
Elev.: 4882' grd.



Scale: 1 in. = 400 ft.

Date: Apr. 10, 1975

Surveyed by: W. Don Quigley

PLAT NO. 1

**W. DON QUIGLEY****OIL AND MINERALS CONSULTANT****803 PHILLIPS PETROLEUM BLDG. • SALT LAKE CITY UTAH 84101****LOCATION PLANS FOR  
WILLARD PEASE OIL & GAS CO.  
CISCO SPRINGS #17 WELL  
SE.SW.SEC.3-20S-23E  
GRAND COUNTY,UTAH**

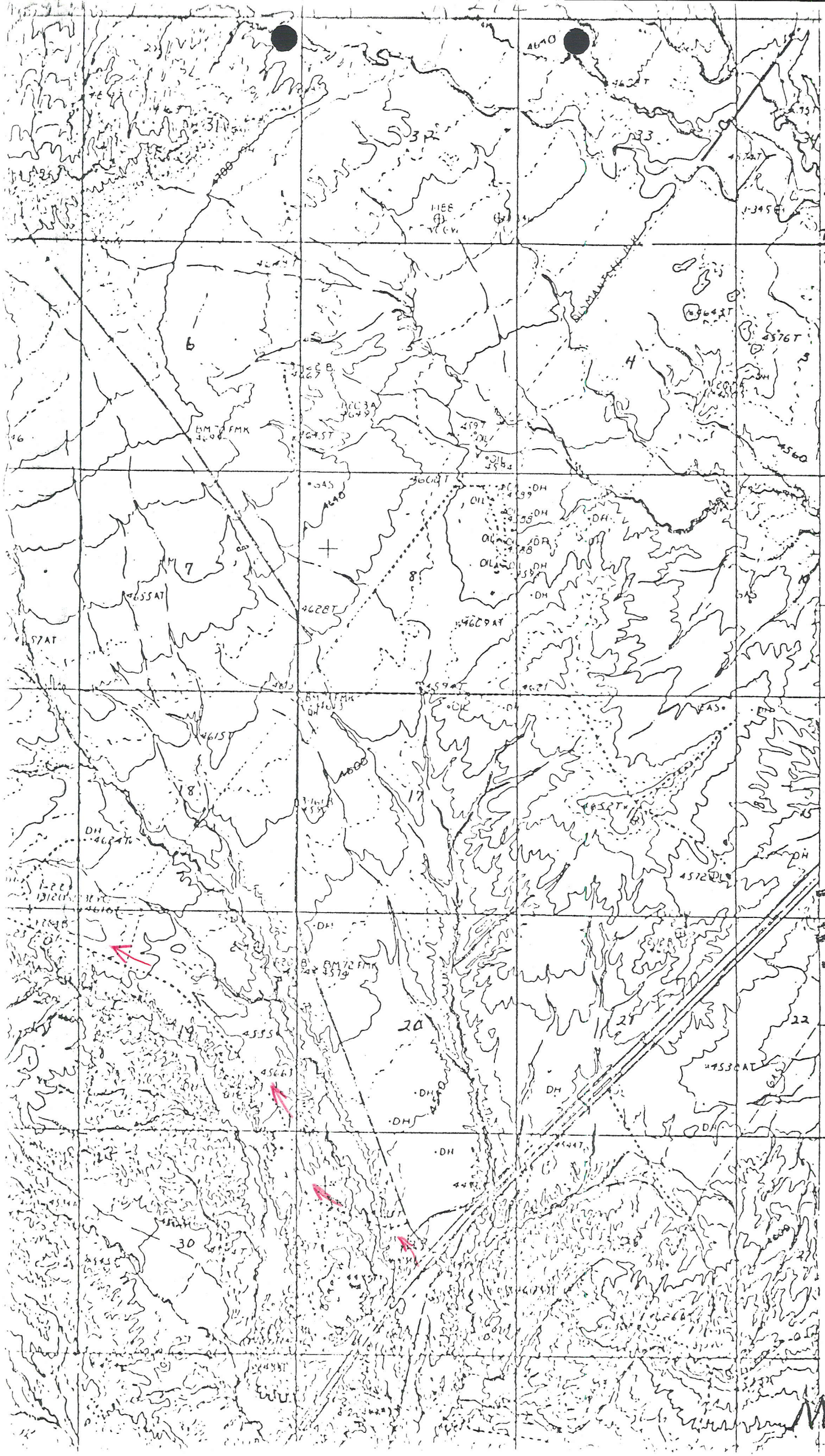
1. A survey plat for the location of the subject well is attached. Map No.1 shows the route to the well site from I-70. The Cisco exit from I-70 is used to gain access to the area. This map also shows all the secondary roads now in use around the proposed well site.
2. The proposed site is immediately adjacent to a present road as shown on Map No.1. The road to the drill site from the present road will be less than 1500 ft.in length.
3. The map shows the location of the present wells and dry holes in the area around the proposed location as well as showing the sites for proposed additional wells in the process of application.
4. See 1 and 2 above.
5. A plan for the location of completion equipment in the event the well is successful is shown on Plat No.2
6. Water for the drilling operations, if any is needed, will be hauled by truck from the Colorado river south of Cisco.
7. A plat ( Plat No.3) showing the plan for the equipment layout to be used in the drilling of the proposed well is attached. This plat shows the small reserve pit and trash or burn pit. The dust cuttings from the drilling operations will be blown into the reserve pit and all trash and burnable material will be put in the burn pit. At the completion of the well, these pits will be folded -in and levelled.
8. See loction of house trailer on Plat No.3. No other camp facilities will be needed.
9. There are no air strips in use around the proposed well site.

10. See Plat No. 3 for the drilling equipment layout.

11. There is little topsoil at the drill site. The area is relatively level and no deep cuts will be necessary for the location work. The area is covered with sage brush and grass. After the well is finished and abandoned, if dry, the well site will be cleaned and levelled, and the pits will be covered. The surface will be graded and reseeded as required.

12. As can be seen by the map herewith the area is quite level with a few washes. Road construction is quite minimal and consists of simply levelling and removal of the sage brush. The only rocks exposed in the area are found along the sides of the washes and on the edge of some of the ridges; these belong to the Mancos shale formation. There are no exposures of commercial minerals in the area. A gas pipeline has been recently installed in the area to some of the existing gas wells.





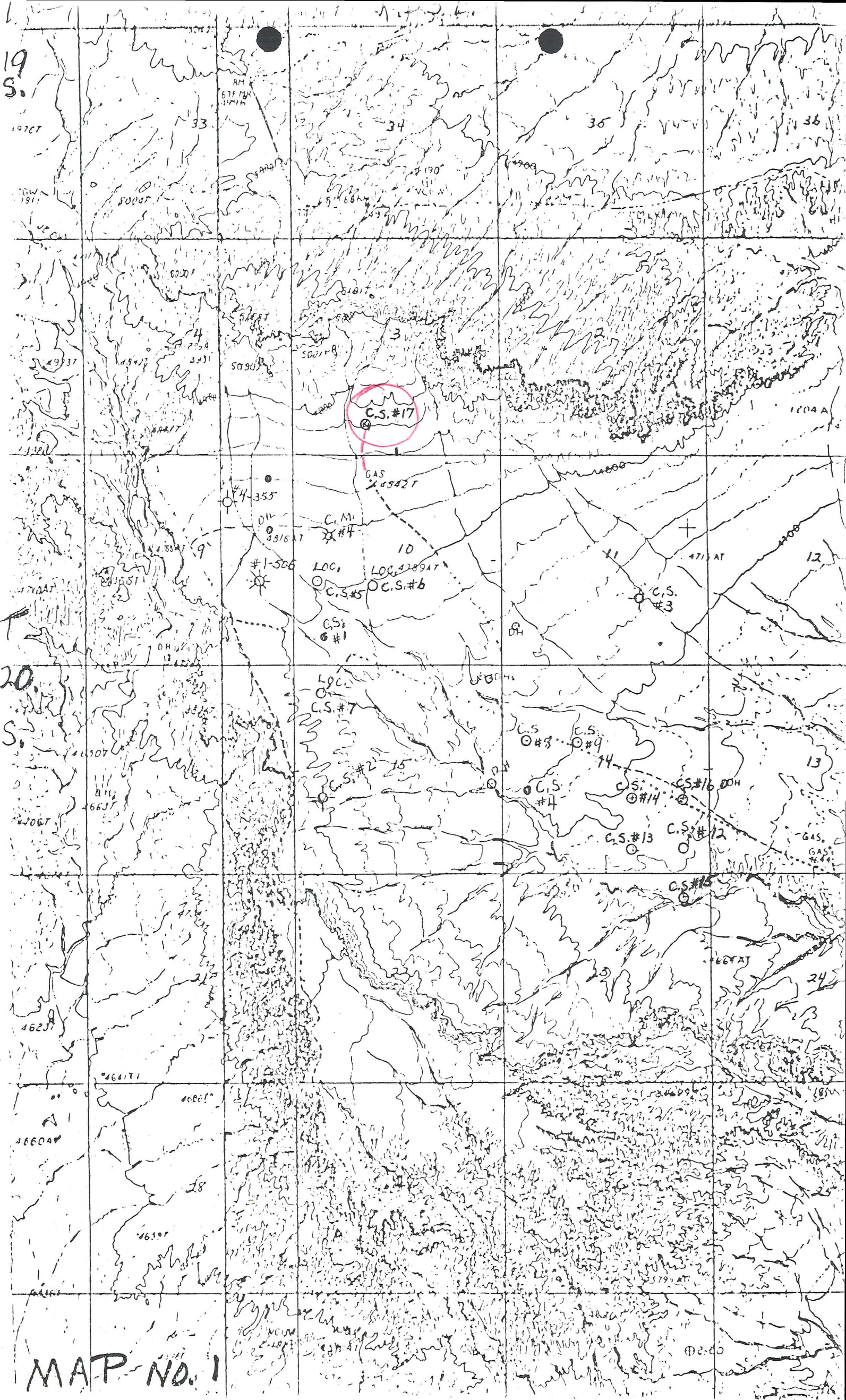
T195.  
T.203.

Contours edge joined by  
T 20 S.

MAF  
NO.

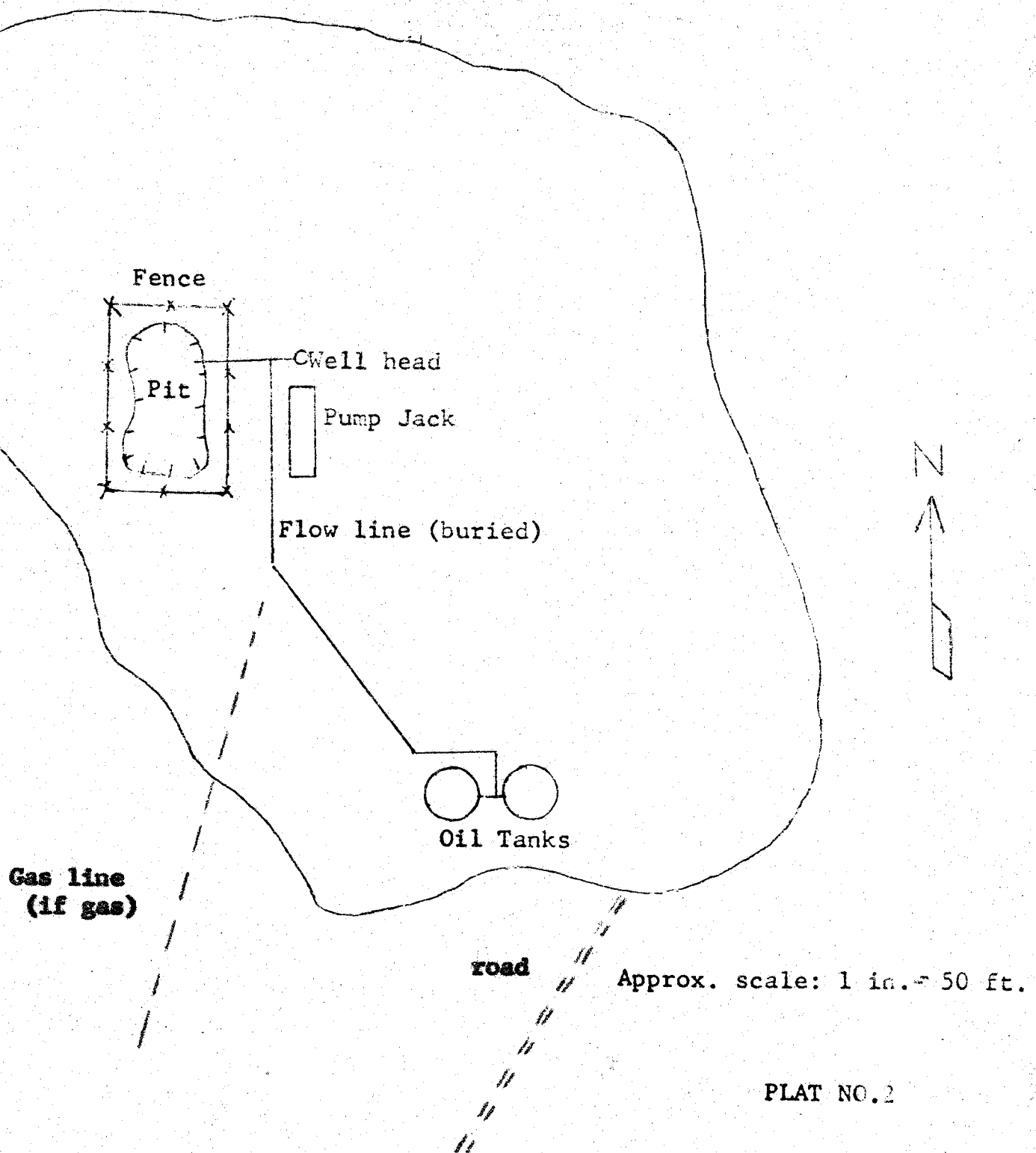


MAP NO. 1

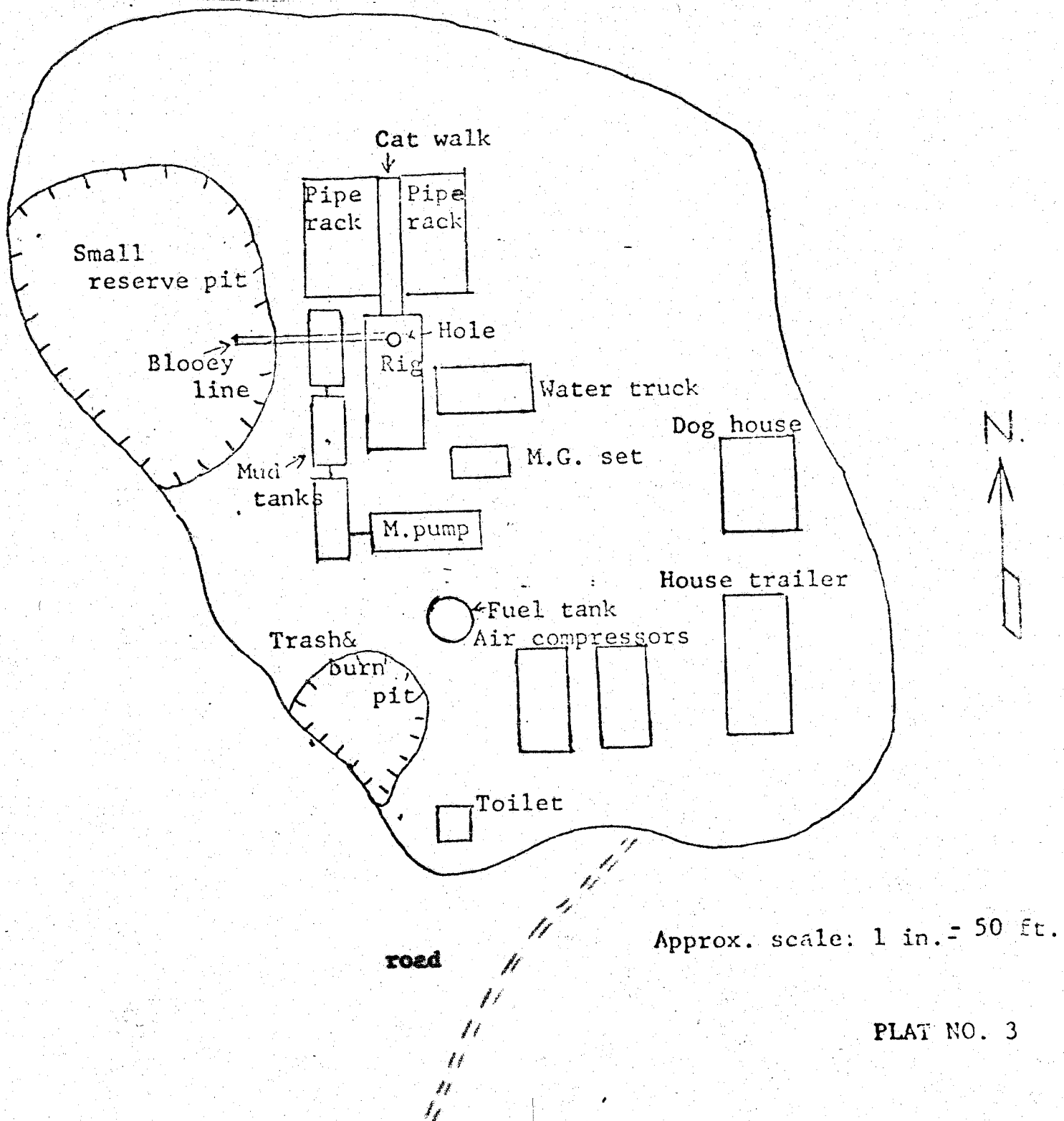




PLAN FOR COMPLETION EQUIPMENT  
FOR PEASE OIL & GAS COMPANY  
CISCO SPRINGS #17  
SE.SW.SEC.3-20S-23E  
GRAND COUNTY,UTAH



**DRILLING EQUIPMENT LAYOUT  
FOR PEASE OIL & GAS COMPANY  
CISCO SPRINGS #17  
SE.SW.SEC.3-20S-23E  
GRAND COUNTY,UTAH**



**W. DON QUIGLEY**

OIL AND MINERALS CONSULTANT  
803 PHILLIPS PETROLEUM BLDG. - SALT LAKE CITY, UTAH 84101

**WELL CONTROL EQUIPMENT FOR  
WILLARD PEASE OIL & GAS CO.  
CISCO SPRINGS #17  
SE.SW.SEC.3-20S-23E  
GRAND COUNTY,UTAH**

The following control equipment is planned for the above designated well:

1. Surface Casing:
  - A. Hole size for surface casing is 9 3/4".
  - B. Setting depth for casing is approx. 150'.
  - C. Casing specs. are: 8", J-55, 20.00#, 8 rd. thread new or used.
  - D. Anticipated pressure at setting depth is approx. 50 #.
  - E. Casing will be run and cemented with 60 sks of cement with returns to the surface.
  - D. Top of casing will be just above ground level.
2. Casing Head:

Flange size: 8 (nominal); A.P.I. pressure rating: 2000#; Cameron or OCT; new or used; equipped with two 2" ports with nipples and 2", 1500# W.P.valves. Casing head and valves set above ground.
3. Intermediate Casing:

None planned.
4. Blowout Preventers:
  - A. Double rams; hydraulic; one set of blind rams; one set of rams for 3 1/2" drill pipe; #8 flange or spoil with #8 to #10 flange; 3000# W.P.; Series 900; equipped with mechanical wheels and rods for back-up; set on top of casing head flange and secure y bolted down and tested for leaks up to 1500# pressure; Cameron, Shaffer, or equivalent.
  - B. Rotating head: 10"; set on top of blowout preventer and bolted securely; complete with kelly drive, pressure lubricator; 3 1/2" stripper rubber for 1500# W.P.; Shaffer or equivalent.
  - C. The fill and kill lines (2") are to be connected thru



the 2" valves on the casing head.

5. Auxillary Equipment:

A float valve (2000#) is to be used in the bottom drill collar at all times. A string-float will also be used in the drill pipe and kept within 200'-300' below the surface at maximum.

6. Anticipated Pressures:

The shut-in pressure of the gas zones in wells near to the proposed well is about 750#-800# at depths of around 2000'. Pressures of all other zones should be no greater than this in the subject well.

7. Drilling Fluids:

Air will be used down thru the Dakota sands and then will be converted to mud to keep control of the prolific gas zones in the upper Morrison formation at depths of 1700'-1950'.

8. Production Casing:

A. Hole size:  $6\frac{1}{4}$ "

B. Approximate setting depth: 2025' which will be thru the oil sand but the casing will be cemented above the sand.

C. Casing specs:  $4\frac{1}{2}$ " O.D.. J-55, 9.50#, 8-rd. thread, new or used.

D. Casing will be run with a Lynes packer set above the top of the oil sand and one or two joints of casing below the packer (plugged at the bottom). The bottom of the casing will be set on the bottom of the hole. The casing will then be cemented above the packer thru perforations or thru a D-V tool with 50 sacks of cement. The cement will be allowed to cure for 24 hrs., and then the casing will be set on the slips ( $4\frac{1}{2}$ ") in the casing head, holding at least 10,000#, and cut off. A tubing head, 8" to 2", series 600, 2000# W.P. will be installed on the casing head flange and bolted securely.

E. Tubing,  $2\frac{3}{8}$ " O.D., upset, J-55, 4.70#, new, will be run with a  $3\frac{1}{2}$ " bit and the plug will be drilled out. The bit will then be removed and a seating nipple and and perforated joint will be installed on the bottom of the tubing and run back in the hole and landed just below the Lynes packer. The tubing ~~xxxx~~ head flange will be connect to the tobing and secured to the top of the head. A 2" master valve will be installed on top. About  $\frac{1}{2}$  of the water will then be swabbed out of the casing and tubing and the well will be perforated below the bottom of the tubing and

swabbed in. Rods and pump can then be run in if required.

Note: In the remote chance that the oil zone is not in the subject well, the well may be drilled into the Entrada formation. If such is decided, notification will be given as to the change in plans.

*Lead White*

April 15, 1975

Willard Pease Oil & Gas Company  
Box 548  
Grand Junction, Colorado 81501

Re: Well No's:  
Cisco Springs Fed. #13  
Cisco Springs Fed. #14  
Cisco Springs Fed. #16  
Sec. 14, T. 20 S, R. 23 E,  
Cisco Springs Fed. #15  
Sec. 23, T. 20 S, R. 23 E,  
Cisco Springs Fed. #17  
Sec. 3, T. 20 S, R. 23 E,  
Grand County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to wells is hereby granted in accordance with the Order issued in Cause No. 102-5.

Should you determine that it will be necessary to plug and abandon any of these wells, you are hereby requested to immediately notify the following:

CLEON B. FEIGHT - Director  
HOME: 466-4455  
OFFICE: 328-5771

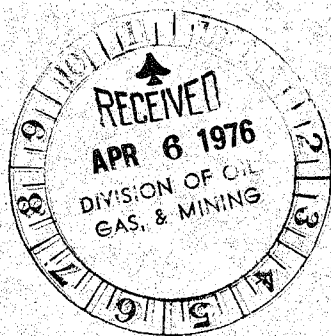
Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API numbers assigned to these wells are as follows:  
#13 - 43-019-30234; #14 - 43-019-30235; #15 - 43-019-30236;  
#16 - 43-019-30237; #17 - 43-019-30238.

Very truly yours,

CLEON B. FEIGHT  
DIRECTOR





Conservation Division  
8440 Federal Building  
Salt Lake City, Utah 84138

April 5, 1976

Willard Pease Oil & Gas Company  
P. O. Box 548  
Grand Junction, Colorado 81501

Re: Application for Permit to Drill  
Well No. 17 - Cisco Springs  
Sec. 3 - T-20S, R-23E, S.L.M.  
Grand County, Utah  
Lease Utah U-19037

13-019-30238  
A-5-76

Gentlemen:

More than six months have elapsed since receipt of the subject Application for Permit to Drill and there is no record of inquiry as to the status of this application. Since this has never been approved, we are, therefore, returning your application.

If you should again desire to drill at this location, please resubmit the Application for Permit to Drill.

Sincerely yours,

(Orig, Sgd.) E. W. Guynn

E. W. Guynn  
District Engineer

Attachment:  
As indicated

bc: Utah State O&G  
BLM - Moab  
O&GS, HRMA, Casper  
USGS, Vernal  
Well File

EWG:tw